SPADE Administrative Note #20   S. Crocker
                                                        17 February 70

SPADE Meeting Notes

Michel says the tape output process is being debugged. DEBUG seems to be
badly and incorrectly documented. Dave says DEBUG doesn't execute Q properly.

Vint reported on the Fortran library: Doug's program to extract programs from
the library tapes works; SDS's systems seem to be losing again.

Big Fortran is going to be hard to get into SEX. Meta-Symbol is a prerequisite,
and this requires overlay, etc. Since some of users and all other Sigma-7
sites use Meta-Symbol, we should schedule its inclusion. A possible tool is a
BPM simulator for SEX.

GORDO is now called SEX for Sigma EXecutive or Sigma EXperimental system.

Jon reported that Meta 5 reruns under Botch. (Yea!) Meta 5 now needs to be
modified to not grab extraneous core. Tape 95 now has a version of Botch
which runs as a master, and has Symbol, FLD, DLOAD, Meta 5, and Fortran
Compilation.

Jon has crashed the system a dozen times since the system log was started. Half
of these are unknown; the others are not.

SEX does not have sufficient error recovery code for I/O.

Rollin Weeks has volunteered to write a SEX shutdown and disk boot program
under Chuck's direction.

Bill is studying console hardware programming. We have decided to install the
37's as quickly as possible. Full console design will proceed in parallel.

FLD and DLOAD are not yet together, but Bill will get to it sometime.

Bill has studied sections 3 and 6 of the resident system.

Bob Kahn is coming from BB&N next week with a new IMP operational program.
NETTEST runs under the new system and is on tape 315. Message generation is
being debugged for the RAD-75 under SEX.

Michel is busy writing a paper on NIL.

CCN doesn't seem to be getting themselves together. It's in our interest to
see if we can help them.

Steve will try to get some notes written on dynamic reconnection.

John has specs on a new master. It was discussed and recommendations were
made. He will go back for redesign.

After reviewing Spade Adm. note 1, we decided we have made a lot of progress
and need to update it. A new Spade Adm note updating our position will be
worked on in March.

Bill will finish his System procedure and test it.

Agenda for meeting of February 24

       Rapid-fire progress reports
       Report from John on master
       Lecture from Chuck on the system
       Long range planning
       Interface with CCN
       Standard System Tape Procedures

Refreshments:

       Chuck – Goodies
       John – Drinks